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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jay Edelberg et al.

Title: ENHANCED BIOLOGICALLY BASED CHRONOTROPIC BIOSENSING

Docket No.: 1676.001US2

Serial No.: 10/690,798

Filed: October 21, 2003

Due Date: October 30, 2005

Examiner: Patricia C. Mallari

Group Art Unit: 3736

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ Return postcard.

☒ Response to Restriction Requirement (11 pgs.).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

Robin A. Chadwick

By: _____

Atty: Robin A. Chadwick

Reg. No. 36,477

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 31st day of October, 2005.

Dawn M. Poole

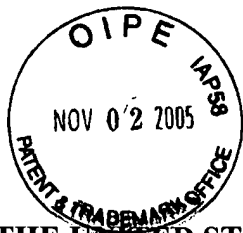
Name

Dawn M. Poole

Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



S/N 10/690,798

PATENT

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RESPONSE TO RESTRICTION REQUIREMENT

MS Amendment
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P.O. Box 1450
Alexandria, VA 22313-1450

In response to the Restriction Requirement mailed September 30, 2005, Applicant provisionally elects, with traverse, Group II (claims 59-94), species F (implantable physiological or pathophysiological biosensor comprising in vitro or ex vivo modified stem cells), species 4 (monitored physiological or pathophysiological variable is a level or activity of at least one of blood glucose, insulin, thyroid hormone, clotting factors or components, endocrine hormone, paracrine hormone, autocrine hormone, antibodies, receptor antagonists, ligands, antigens, antagonists, signal pathway cofactors, signal pathway components, pathogens, drugs, metabolites, or toxins) and species 6 (biosensor implanted or inserted in a human).